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PTO/SB/05 (12/98)

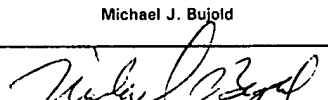
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under CFR 1.53(b))	Attorney Docket No.	ZAHFRI P566US	22264 U.S. PTO 10/731057
	First Named Inventor or Appln Identified: Karl-Hermann KETTELER		
	Title: SWITCHING SYSTEM TO MAKE ENERGY AVAILABLE TO ELECTRIC CONSUMERS OF DIFFERENT ENERGY REQUIREMENT		
	Express Mail Label No.	EV 330995701 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent appln. contents.		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application P. O. Box 1450 Alexandria, VA 22313-1450	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p><p>2. <input type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p><p>3. <input checked="" type="checkbox"/> Specification (Total Pages) [10] (preferred arrangement set forth below)</p><ul style="list-style-type: none">• Descriptive title of the invention• Cross References to Related Applications• Statement Regarding Fed sponsored R & D• Reference to Microfiche Appendix• Background of the Invention• Brief Summary of the Invention<p>• Brief Description of the Drawings (if filed)</p><ul style="list-style-type: none">• Detailed Description• Claim(s)• Abstract of the Disclosure<p>4. <input checked="" type="checkbox"/> Drawings (35 USC 113) (Total Pages) [2]</p><p>4a. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pages) [1]</p><p>5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [2]</p><p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p><p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p><p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p></div><div style="width: 48%;"><p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p><p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p>b. <input type="checkbox"/> Specification Sequence Listing on:</p><p style="margin-left: 20px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p><p style="margin-left: 20px;">ii. <input type="checkbox"/> paper</p><p>c. <input type="checkbox"/> Statements verifying identity of above copies</p></div></div>			
ACCOMPANYING APPLICATION PARTS			
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 5 Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: Express Mail Certificate German Novelty Search Report-4 pgs.; Submission of Certified Copy-1 pg.;</p>			
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No.: ____ / ____</p> <p>Prior application information: Examiner _____ Group/Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
18. CORRESPONDENCE ADDRESS			
<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p><input checked="" type="checkbox"/> Customer Number: 020210</p><p>Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p><p>Name: Michael J. Bujold</p><p>Signature: </p></div><div style="width: 10%; text-align: center;"><p>PATENT & TRADEMARK OFFICE</p><p>020210</p></div><div style="width: 45%;"><p><input type="checkbox"/> Correspondence address below</p><p>Telephone: 603/624-9220</p><p>Telefax: 603/624-9229</p><p>E-Mail: patent@davisandbujold.com</p><p>Registration No.: 32,018</p><p>Date: December 9, 2003</p></div></div>			

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ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Small Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge-late filing fee/oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for re-examination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Ext.for reply w/in 1 mon</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Ext.for reply w/in 2 mon</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Ext.for reply w/in 3 mon</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Ext.for reply w/in 4 mon</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Ext.for reply w/in 5 mon</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a Brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (for reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petition related to provisional applns.</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Info.Disclo.Stmt.</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording ea. patent assignment per property (times No.of properties)</td><td style="text-align: right;">\$40</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For ea.additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Cont.Exam. 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SUBMITTED BY			Completed (if applicable)																																																																																																																																																																																
Typed or Printed Name	Michael J. Bujold	Registration Number	32,018	Telephone No.	(603) 624-9220																																																																																																																																																																														
Signature		Date: December 9, 2003	Deposit Account User ID	04-0213																																																																																																																																																																															

12/9/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Karl-Hermann KETTELER
Serial no. :
For : SWITCHING SYSTEM TO MAKE ENERGY
AVAILABLE TO ELECTRIC CONSUMERS OF
DIFFERENT ENERGY REQUIREMENT
Docket : ZAHFRI P566US

MAIL STOP PATENT APPLICATION

The Commissioner for Patents
U.S. Patent & Trademark Office
P. O. Box 1450
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EXPRESS MAIL CERTIFICATE

"Express Mail" label number: **EV 330995701 US**

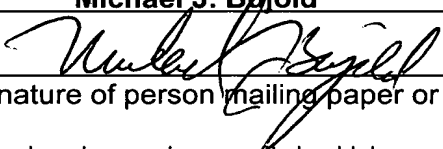
Date of Deposit: December 9, 2003

I hereby state that the following attached paper or fee:

Check for \$810;
Patent Application Transmittal-1 pg.;
Fee Transmittal Ltr (+Dupl)-1 pg.;
Specification/Claims/Abstract-10 pgs.;
Submission of Formal Drawings-1 pg.; Drawings (Figs. 1-3)-2 pgs.;
Declaration & Power of Atty-2 pgs.; Assignment & Cover-2 pgs.;
Information Disclosure Statement-1pg.;
PTO Form 1449-1 pg.; 5 Citations;
German Novelty Search Report-4 pgs.;
Preliminary Amendment-5 pgs.;
Submission of Certified Copy-1 pg.;
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Michael J. Bjeld


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NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

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